



SATA Drive Adapter

7 + 15 Pin SATA Male to Micro SATA 7+7+2 Pin Female

Model
308908

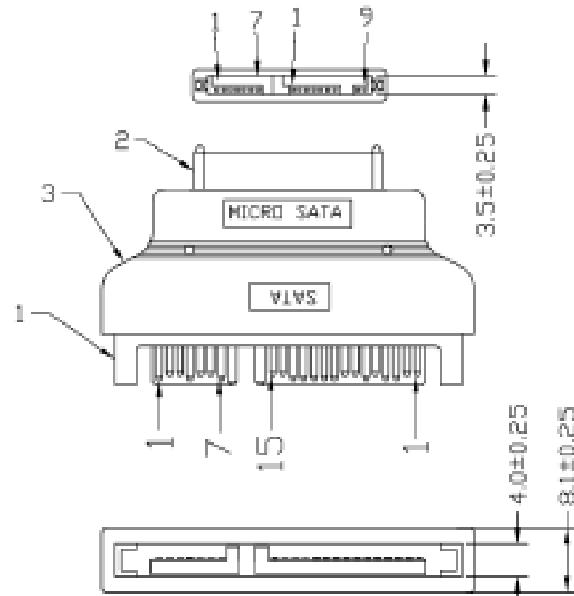
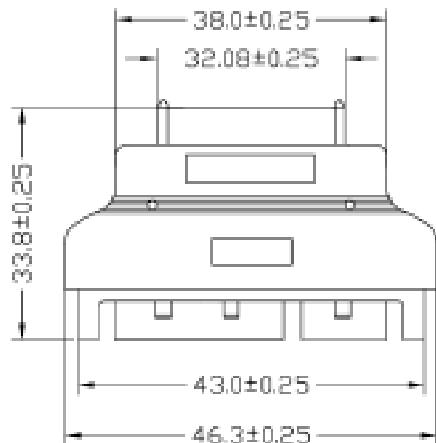
Make a quality connection.

MANHATTAN® Micro SATA adapters help meet an increasing demand for the popular hard-disk drive technology that's quickly becoming the primary PC storage interface. With support for data transfer speeds of up to 3 Gbps and compliance with SATA Revision 2.6 specifications, these new MANHATTAN Micro SATA adapters are ideal for connecting SATA 1.8" hard disk drives in ultra-mobile PCs. This is a compact SATA 22-pin male and 16-pin micro SATA female adapter. This adapter can be used to power up your 1.8" micro SATA 3.3 V and 5 V SSD drives, using your standard SATA connection.

Lifetime Warranty

Strict manufacturing standards ensure the highest quality in all MANHATTAN products. All items carry a full Lifetime Warranty — the strongest quality commitment anyone can make.





REV	DESCRIPTION	ENG	APPROVAL

PIN ASSEMBLY

P1	P2
S1	S1 GND
S2	S2 A+
S3	S3 A-
S4	S4 GND
S5	S5 B+
S6	S6 B-
S7	S7 GND
P1	P1 +3.3V
P2	P2 +3.3V
P3	P3 GND
P4	P4 GND
P5	P5 +5V
P6	P6 +5V
P7	P7 RSVD
P8	P8 VS
P9	P9 VS
P10	
P11	
P12	
P13	
P14	
P15	

ELECTRONIC TEST:

- 1. OPEN/SHORT/INTERMITTE:100%
- 2. INSULATION RESISTANCE:5MΩ
- 3. CONTACT RESISTANCE:10Ω
- 4. HI-POV:300V 10ms

3	PVC 55P MOLD COLOR: BLACK	PCS	1
2	MICRO SATA 16PIN CABLE SIDE	PCS	1
1	SATA 28PIN PCB SIDE	PCS	1
NO.	DESCRIPTION	UNCT	Q'TY

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UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS. ANGULAR TOLERANCE: ±1°

TOLERANCE IN (inch) TOLERANCE IN (mm)

±0.005 ±0.1mm

±0.01 ±0.2mm

±0.008 ±0.2mm

±0.005 ±0.1mm



TITLE: 308908

APPRO: ERIC XU

Date: 09/02/07

CUSTOMER:

Check: SHIGANG

Date: 09/02/07

CUSTOMER FNO:

Unit: mm

Projection: A4

KT PN:

Scale: 1:1

Size: A4

DRAWING: SMT28P-MIC16C

Sheet: 1 of 1

REV: A

Features

- Connects a 1.8" SATA drive to a SATA data/power connection
- Supports 5 V and 3.3 V drives
- Meets current SATA 2.6 revision specifications
- Lifetime Warranty

Specifications

STANDARDS & CERTIFICATIONS

- SATA 2.6

CONTACTS

- (1) micro 7+2 pin SATA female
- (1) 7 + 15 pin SATA male
- Gold plated

ELECTRICAL

- Withstanding voltage: 300 V DC 10 ms
- Insulation resistance: 5 MOhms
- Contact resistance: 10 Ohms

DIMENSIONS

- 46 x 33 x 8 mm (1.8 x 1.3 x 0.3 in.)
- Weight: 14 g (0.5 oz.)

PACKAGE CONTENTS

- SATA Drive Adapter

For more information on MANHATTAN products, consult your local dealer or visit www.manhattan-products.com.



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